



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Steinemann

Examiner: Unassigned

Application No.: 10/750,446

Group Art Unit: Unassigned

Filed: December 31, 2003


Docket: 1409-2 RCE/CON

For: BINARY TITANIUM-  
ZIRCONIUM ALLOY FOR  
SURGICALLY IMPLANTS AND  
A SUITABLE  
MANUFACTURING PROCESS

Dated: March 4, 2004

*I hereby certify this correspondence is being  
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Commissioner for Patents, P.O. Box 1450,  
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on March 4, 2004

Signed: Barbara Thomas 

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

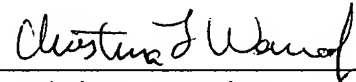
In fulfillment of the requirements of candor and good faith set forth in 37 C.F.R. §1.56, Applicant submits herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §1.97 and §1.98. It is understood that the information provided herein is solely for the purpose of fulfilling Applicant's obligations under the law and should not be construed as nor is it intended to be an admission of prior art.

Copies of the U.S. Patents and U.S. Patent Application Publications listed on the attached Form PTO-1449 are not provided as the U.S. Patent office have waived the requirement for paper submission of such documents.

Accordingly, in view of the present submission, it is now believed that the present application is in all respects complete, and in condition for examination and favorable consideration.

If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicant's attorney at the telephone number set forth below.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 1409-2 RCE/CON	SERIAL NO. 10/750,446
	APPLICANT Steinmann	CONFIRMATION NO. Unassigned
	FILING DATE December 31, 2003	GROUP Unassigned

## U.S. PATENT PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,169,597	12/1992	Davidson et al.			
	5,820,707	10/1998	Amick et al.			
	4,857,269	08/1989	Wang et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	CH 544 154	7/1970	Switzerland				
	GB 1 3045879	2/1973	Great Britain				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Chemical Abstracts, Vol. 119, No. 10
			Database Metadex Materials Information, the Institute of Metals, London GB, Amick, (University of Idaho), abstract of "An Investigation of Reaction Forming by Controlled Passivation of Titanium-Zirconium Alloys with Niobium" (1994)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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			Massalski, T.B., "Binary Alloy Phase Diagrams Vo. 2", American Society for Metals, Ohio, pp. 2142-2143 (1986)
			"Effect of Alloying Elements on Mechanical Properties of Titanium Alloys for Medical Implants", J. Japan Inst. Metals, Vol 57, No. 3 (1993) pp 332-337

EXAMINER

DATE CONSIDERED

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